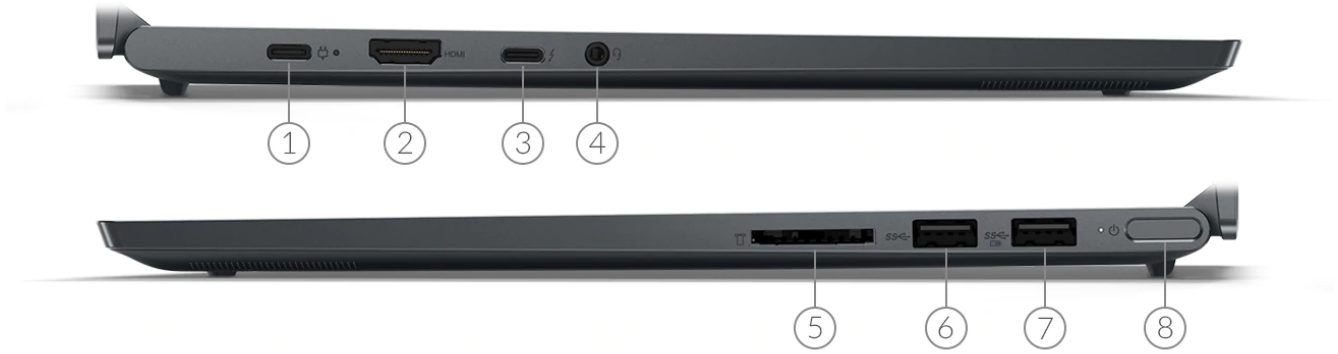


**OVERVIEW**



1. USB-C (PD 3.0 only)	5. Card reader
2. HDMI	6. USB 3.2 Gen 1
3. USB-C 3.2 Gen 2 / Thunderbolt 3	7. USB 3.2 Gen 1 (Always On)
4. Headphone / microphone combo jack (3.5mm)	8. Power button

## PERFORMANCE

### Processor

#### Processor Family

10th Generation Intel® Core™ i5 / i7 Processor

### Operating System

#### Operating System

- Windows® 10 Pro 64
- Windows 10 Home 64
- Windows 10 Home 64 Single Language

### Monitor Support

#### Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via HDMI® (up to 4096x2160@60Hz) or Thunderbolt™ (up to 5120x3200@60Hz)

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

#### Max Memory<sup>[1]</sup>

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots, dual-channel

#### Memory Type

LPDDR4x-3200

#### Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the technology develops.

### Storage

#### Storage Support<sup>[1]</sup>

One drive, up to 512GB M.2 2242 SSD or 1TB M.2 2280 SSD

#### Storage Type

Disk Type	Interface	RPM	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-

#### Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

### Removable Storage

#### Optical

None

#### Card Reader

4-in-1 card reader (SD, SDHC, SDXC, MMC)

### Multi-Media

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**

Stereo speakers, 2W x3, optimized with Dolby® Atmos®

**Microphone**

Dual array microphone

**Camera**

IR & HD 720p hybrid, fixed focus, with ToF sensor

**Sensor****Sensors**

- Ambient light sensor (ALS)
- Hall sensor
- ToF sensor

**Battery****Battery**

Integrated Li-Polymer 71Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 95W AC adapter

**Max Battery Life<sup>[1]</sup>**

MobileMark® 2014: 15 hr

**Notes:**

1. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

**Power Adapter****Power Adapter<sup>[1]</sup>**

- 65W USB-C® slim (3-pin) AC adapter
- 65W USB-C (3-pin) AC adapter
- 95W USB-C (3-pin) AC adapter

**Notes:**

1. AC adapter offerings depend on the country.

**DESIGN****Display****Display<sup>[1]</sup>**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
15.6"	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	-	100% sRGB	-	-
15.6"	FHD (1920x1080)	None	IPS	300 nits	Glossy	16:9	-	100% sRGB	-	-

**Touchscreen**

Non-touch

**Notes:**

1. California Electronic Waste Recycling Fee  
In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

**Input Device****Keyboard**

6-row, multimedia Fn keys, numeric keypad

### Keyboard Backlight

LED backlight

### Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP)

## Mechanical<sup>[1]</sup>

### Dimensions (WxDxH)

Models	Dimensions
Bezel models	355.5 x 230 x 16.1 mm (13.99 x 9.05 x 0.63 inches)
Glass models	355.5 x 230 x 15.9 mm (13.99 x 9.05 x 0.62 inches)

### Weight

Models	Weight
Bezel models	Around 1.68 kg (3.70 lbs)
Glass models	Around 1.85 kg (4.08 lbs)

### Case Color

Slate grey

### Surface Treatment

Anodizing sandblasting

### Case Material

Aluminium (top), aluminium (bottom)

#### Notes:

1. The system dimensions and weight vary depending on configurations.

## CONNECTIVITY

### Network

#### Ethernet

No Ethernet

#### WLAN + Bluetooth<sup>[1]</sup>

802.11ax 2x2 Wi-Fi® + Bluetooth 5.0, M.2 Card

#### Notes:

1. Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitation

### Ports<sup>[1]</sup>

#### Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 2 / Thunderbolt 3 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x USB-C (support Power Delivery 3.0 only)
- 1x HDMI 2.0b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)

#### Notes:

1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
  - USB 2.0: 480 Mbit/s;
  - USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
  - USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
  - USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
  - Thunderbolt 3/4: 40 Gbit/s

## SECURITY & PRIVACY

## Security

### Security Chip

Firmware TPM 2.0 integrated in chipset

### Fingerprint Reader

- Touch style fingerprint reader on power button
- No fingerprint reader

### BIOS Security

- Administrator password
- Power-on password
- Hard disk password

### Other Security

IR camera for Windows Hello

## SERVICE

## Warranty

### Base Warranty<sup>[1]</sup>

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service

Notes:

1. More information of warranty policy, please access <https://pcsupport.lenovo.com/warranty>

## ENVIRONMENTAL

## Operating Environment

### Temperature<sup>[1]</sup>

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

### Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

### Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

1. When you charge the battery, its temperature must be no lower than 10°C (50°F).

## CERTIFICATIONS

## Green Certifications

### Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

## Other Certifications

### Other Certifications

- Athena certified
- None

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